| Electronic Acknowledgement Receipt   |   |  |  |  |
|--------------------------------------|---|--|--|--|
| EFS ID:                              | 2578279   |  |  |  |
| Application Number:                  | 10541970  |  |  |  |
| International Application Number:    |   |  |  |  |
| Confirmation Number:                 | 8766  |  |  |  |
| Title of Invention:                  | High-speed diamond growth using a microwave plasma in pulsed mode |  |  |  |
| First Named Inventor/Applicant Name: | Alix Helene Gicquel   |  |  |  |
| Customer Number:                     | 20306   |  |  |  |
| Filer:                               | Bradley Wayne Crawford  |  |  |  |
| Filer Authorized By:                 |   |  |  |  |
| Attorney Docket Number:              | 05-583  |  |  |  |
| Receipt Date:                        | 12-DEC-2007   |  |  |  |
| Filing Date:                         | 11-JUL-2005   |  |  |  |
| Time Stamp:                          | 13:02:37  |  |  |  |
| Application Type:                    | U.S. National Stage under 35 USC 371                              |  |  |  |
| Payment information:                 |   |  |  |  |
| Submitted with Payment               | yes   |  |  |  |
| Payment Type                         | Deposit Account   |  |  |  |

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|--|--|
| Submitted with Payment                           | yes  |
| Payment Type                                     | Deposit Account  |
| Payment was successfully received in RAM         | \$120  |
| RAM confirmation Number                          | 5986   |
| Deposit Account                                  | 132490   |
| Authorized User                                  |  |
| The Director of the USPTO is hereby authorized t | o charge indicated fees and credit any overpayment as follows: |

Charge any Additional fees required under 37 CFR 1.492 (National application filing, search, and examination fees)

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| Document Des                                      | Extension.pdf  Declaration.pdf  Response.pdf  t Description/PDF files | 146025  489110900541 \$1,007 cheditiss2chool fo  6475664  203175  50602646666054254366655441 cbe  941736  47466605066061662791 446074563  167.406605066061662791 446074563  in .zip description  Start | no no yes                          | 3<br>10                               |
|---|---|--|------------------------------------|---------------------------------------|
| Oath or Declaration filed  Multipar  Document Des | Declaration.pdf  Response.pdf  t Description/PDF files                | 203175  203175  00623480400034326481055441000  941736  4704660330001002723146074003  in .zip description   | no yes                             | 3                                     |
| Multipar<br>Document Des                          | Response.pdf<br>t Description/PDF files                               | 941736 4794ecchalled 16072114674603 17.2ip description   | yes                                | 10                                    |
| Multipar<br>Document Des                          | Response.pdf<br>t Description/PDF files                               | 941736 4794ecchalled 16072114674603 17.2ip description   | yes                                | 10                                    |
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| Multipar<br>Document Des                          | Response.pdf<br>t Description/PDF files                               | 941736<br>47decedosados 10827361 44697 e0003<br>in .zip description  | yes                                | 10                                    |
| Document Des                                      | t Description/PDF files   | 47dfeee0d03s9051892735144b97e5583<br>ibc74c0e  | -                                  |                                       |
| Document Des                                      | t Description/PDF files   | 47dfeee0d03s9051892735144b97e5583<br>ibc74c0e  | -                                  |                                       |
| Document Des                                      | t Description/PDF files   | 47dfeee0d03s9051892735144b97e5583<br>ibc74c0e  | -                                  |                                       |
| Document Des                                      | t Description/PDF files   | in .zip description  | -                                  |                                       |
| Document Des                                      | •   |  | E                                  | nd                                    |
|   | cription  | Start  | E                                  | nd                                    |
|   |   |  | End                                |                                       |
| Amendment - After Non-Final Rejection             |   | 1  | 1                                  |                                       |
| Claims  |   | 2  | 3                                  |                                       |
| Applicant Arguments/Remarks Made in an Amendment  |   | 4  | 10                                 |                                       |
|   |   |  |                                    |                                       |
|   |   |  |                                    |                                       |
| 4 Miscellaneous Incoming Letter                   | Transmittal.pdf   | 62678  | no                                 | 1                                     |
|   |   | 32e60d7bdb14ecc09140b6c409415642<br>9ee15a55   |                                    |                                       |
|   |   |  |                                    |                                       |
|   |   |  |                                    |                                       |
| Fee Worksheet (PTO-06)                            | fee-info.pdf  | 8179   | no                                 | 2                                     |
|   |   | 512a542a586ad22507ebl2b6789d1de9<br>217ad7ca   |                                    |                                       |
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|   | ee Worksheet (PTO-06)   | Fee Worksheet (PTO-06) fee-info.pdf  | ee Worksheet (PTO-06) fee-info.pdf | ee Worksheet (PTO-06) fee-info.pdf no |

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## New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 566), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

## National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/IDO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filling Receipt, in due course.

## New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.